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PTO-1390(Rev. 12-2004) Approved for use through 3/31/2007, OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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ATTORNEY 'S DOCKET NO .: TIP-0062-USPCT TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) 371 U.S. APPLICATION:NO: (If:known_see:37 CFR 1.5) CONCERNING A FILING UNDER 35 U.S.C. INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATES CLAIMED PCT/EP2004/052250 September 20, 2004 September 19, 2003 (EP Appln. No.: 03103472.1) April 30, 2004 (US Prov. Appln. No. 60/567,221) APPLICANT(S) FOR DO/EO/US: Van Acker et al. TITLE OF INVENTION: TIME-OF-ADDITION ASSAY FOR IDENTIFYING ANTI-VIRAL COMPOUNDS Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. A This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371. 🖾 This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below ☑ The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. \(\sum \) is attached hereto (required only if not communicated by the International Bureau). b. \square has been communicated by the International Bureau. c. \square is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. is attached hereto b. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. \square are attached hereto (required only if not communicated by the International Bureau). b. \square have been communicated by the International Bureau. c. $\overline{\square}$ have not been made; however, the time limit for making such amendments has NOT expired. d. A have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). One (1) Power of Attorney or Authorization of Agent of the inventor(s) (35 U.S.C. 371(c)(4)). Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. 🛛 Two (2) assignment documents for recording. A separate cover sheet for each Assignment in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. One (1) Certificate Under 37 CFR 3.73(b). 15. M One (1) Declaration of Inventorship. 16. One (1) Notification of the Recording of a Change.

This collection of information is required by 37 CFR 1.414 AND 1.491-1.492. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

17. Other items or information: Express Mail Certification, Priority Document WO 2005/028669 A1 (together with the International Search

Report), Written Opinion of the ISA and PCT Request.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/EP2004/052250 TIP-0062-USPCT 21.

The following fees are submitted: Applicant use Office use only \$ 300.00 x a) Basic national fee\$300.00 \$ 200.00 X b) Examination fee.....\$200.00 \$ 500.00 X c) Search fee.......\$500.00 \$ 1,000.00 TOTAL OF ABOVE CALCULATIONS = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number -100 =/50 =x \$250.00 \$ 0.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest \$ 0.00 claimed priority date (37 CFR 1.492(e)). **CLAIMS** NUMBER FILED NUMBER EXTRA RATE Total claims 24 -20 4 x \$50.00 \$ 200.00 Independent claims 1 - 30 x 200.00 \$ 0.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$300.00 \$ 0.00 TOTAL OF ABOVE CALCULATIONS = \$200.00 ☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced \$ 0.00 \$1,200.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the \$ 0.00 earliest claimed priority date (37 CFR 1.492(f)) . TOTAL NATIONAL FEE = \$ 1,200.00 Fee for recording the enclosed assignment (37 CFR 1,21(h)). The assignment must be \$ 80.00 accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 80.00 Amount to be refunded: Amount to be charged: \$1,280.00 a. A check in the amount of \$___ to cover the above fees is enclosed. b. 🛮 Please charge my Deposit Account No. 10-0750/TIP-0062-USPCT/LAD in the amount of \$1,280.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. 🛮 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 10-0750/TIP-0062-USPCT/LAD. A duplicate copy of this sheet is enclosed. be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. /Laura A. Donnelly/ SEND ALL CORRESPONDENCE TO: Philip S. Johnson, Esq. Signature

Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003 USA

Name: Laura A. Donnelly Reg. No. 38,435 Attorney for Applicant Dated: March 1, 2006

TIP-0062-USPCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Van Acker et al.

PCT Request

Preliminary Amendment

For:

<u>.</u>

TIME-OF-ADDITION ASSAY FOR IDENTIFYING ANTI-VIRAL

COMPOUNDS

Express Mail Certificate

"Express Mail" mailing number: EL 960331914 US

Date of Deposit: March 1, 2006

I hereby certify that this entry into the National Phase pursuant to 35 USC 371 contains complete application:

Express Mail Certificate (1 page) Return Receipt Postcard (1 page) PCT FORM 1390 Transmittal (2 pages & 2 copies of same) Copy of International Application as filed (29 pages) Executed Power of Attorney (1) (1 page) Executed Assignments (2) with Cover Sheets (6 pages) Certificate Under 37 CFR 3.73(b) (1 page - double-sided) Notification of the Recording of a Change (1 page) Written Opinion of the International Searching Authority (8 pages) Information Disclosure Statement and Form 1449 and MPEP 609D (6 pages) PCT Declaration of Inventorship (3 pages)

Copy of WO 2005/028669 A1 (45 pages including drawings and ISR)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee; service under 37 CFR 1.10 on the date indicated above is addressed to the Mail Stop: Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

La	urie A. Phillips	
(Typed or printed	name of person mailing paper or fee)	
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/Laurie A. P	• • • • • • • • • • • • • • • • • • • •	
(Signature of pers	on mailing paper or fee)	

(6 pages)

(6 pages)

TIP-062-USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tibotec Pharmaceuticals Ltd.

Serial No.: Art Unit:

Filed : Examiner:

For : TIME-OF-ADDITION ASSAY FOR IDENTIFYING ANTI-VIRAL

COMPOUNDS

Commissioner for Patents Washington, D.C. 20231

CERTIFICATE UNDER 37 CFR 3.73(b)

Tibotec Pharmaceuticals Ltd., a Corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignments were recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

OR

- B.

 A chain of title from the inventor(s), or the patent application identified above, to the current assignee as shown below:
 - 1. From:

To:

The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

2. From:

To:

The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

3. From:

To:



10/570358

P20 Registration of MAR 2006

The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

> 31 January 2006 Date

Frank Daelemans

Typed or Printed Name

Proxy Holder

Title